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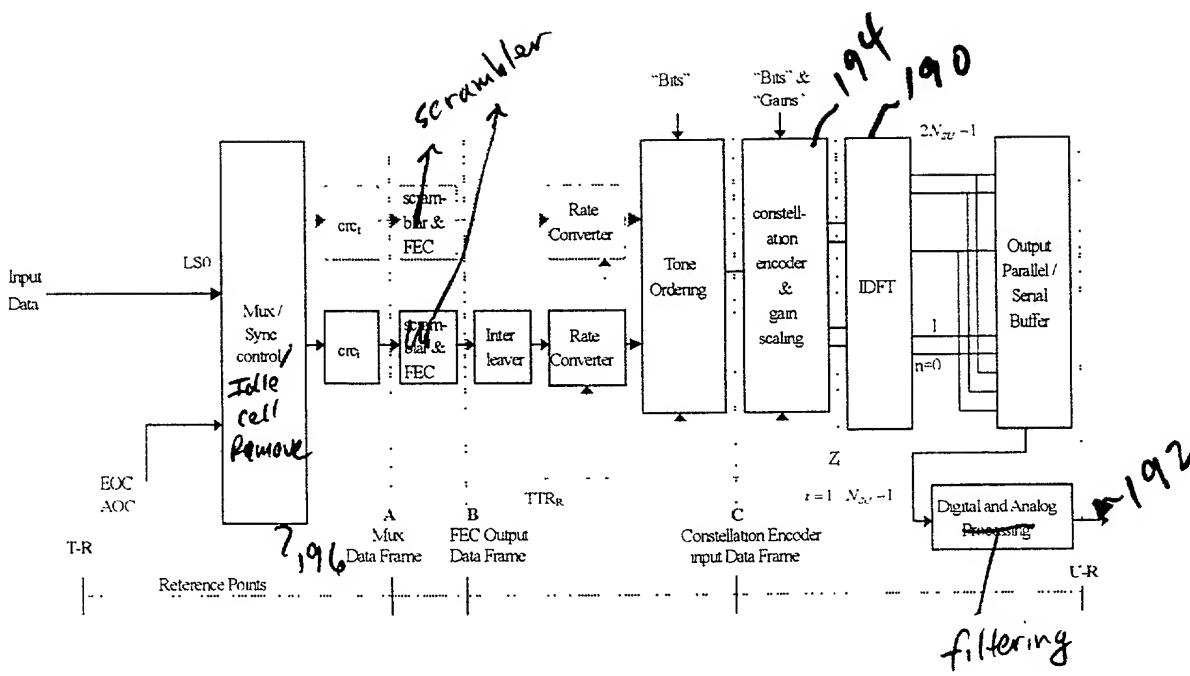


FIGURE.1 ATU-R TRANSMITTER MODEL

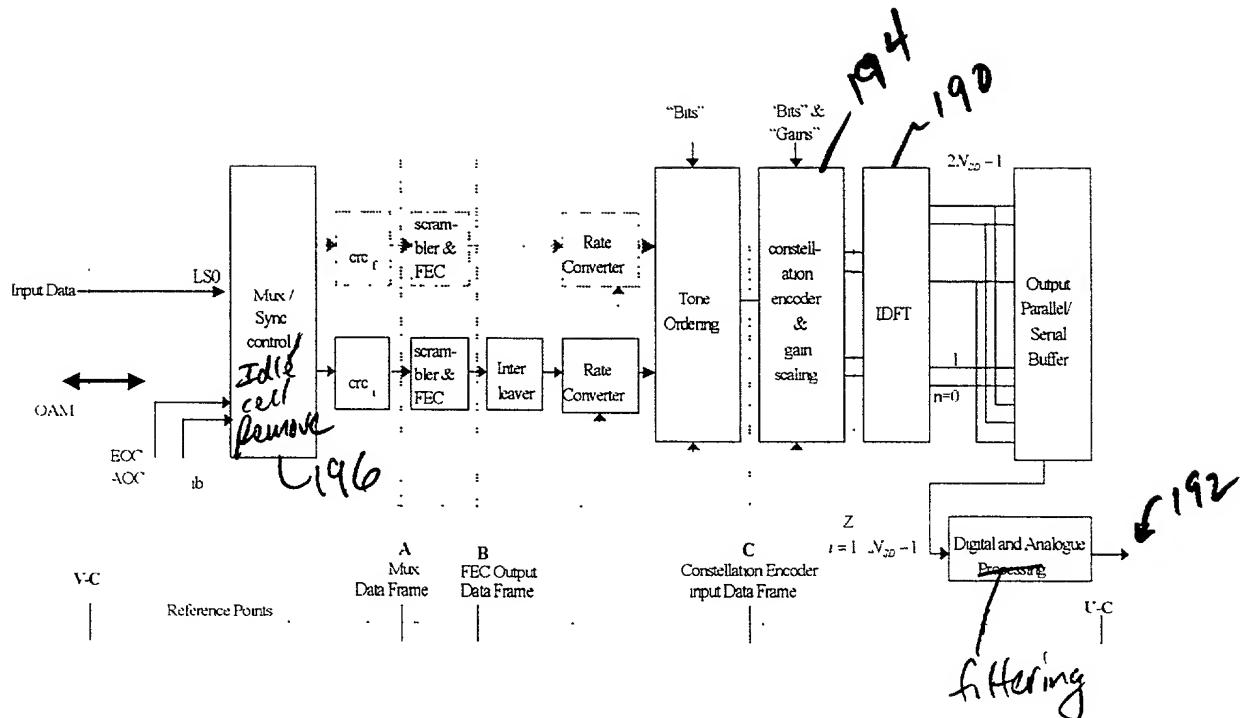


FIGURE 2 ATU-C TRANSMITTER MODEL

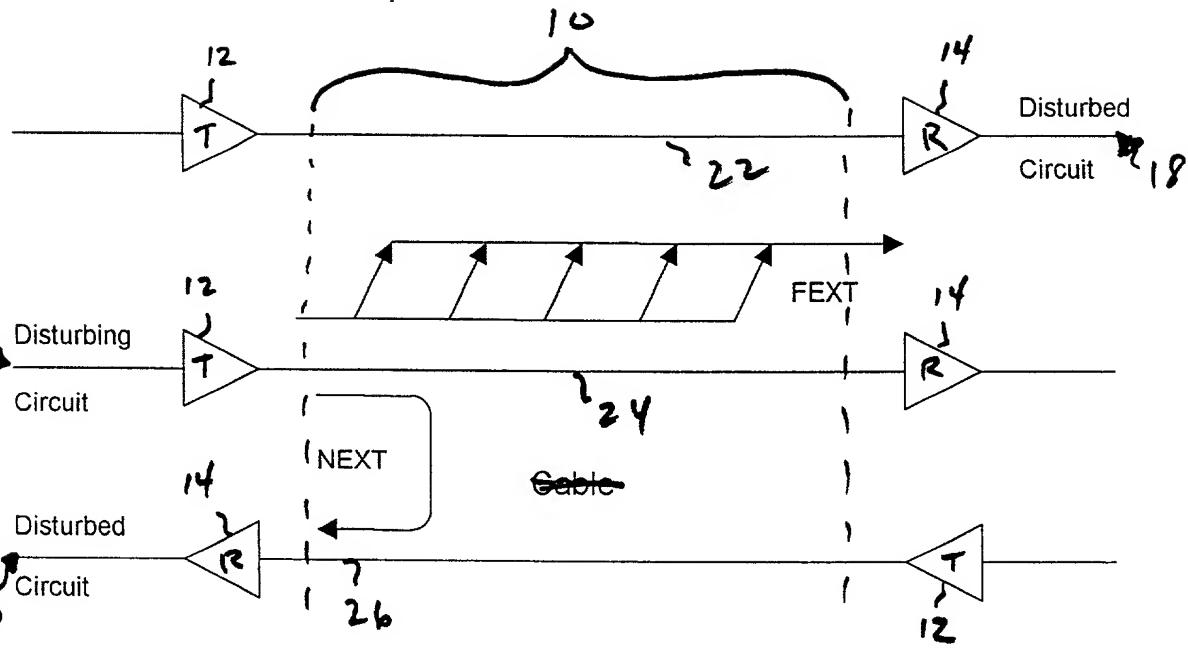
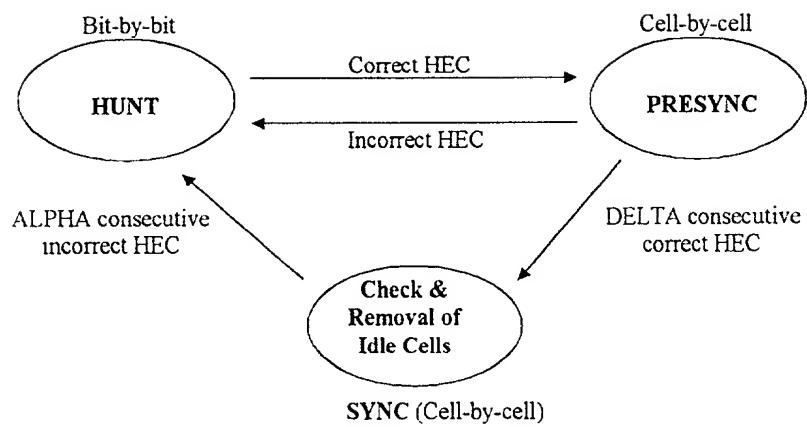
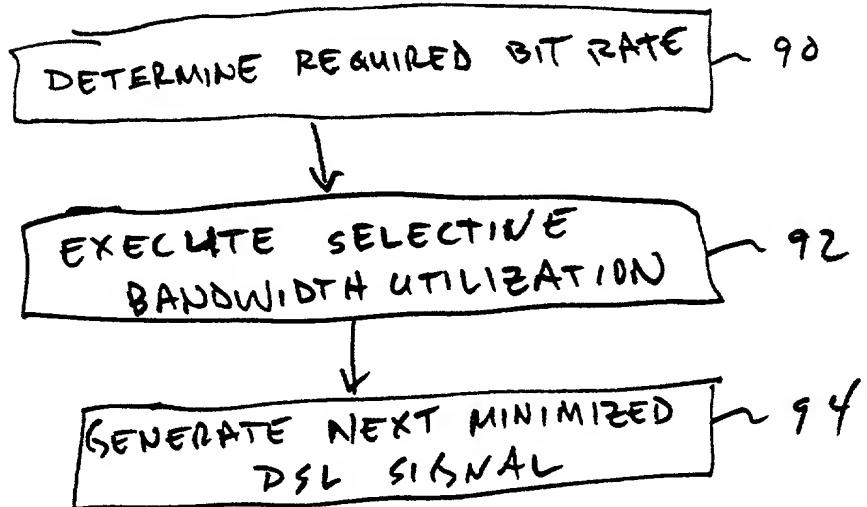


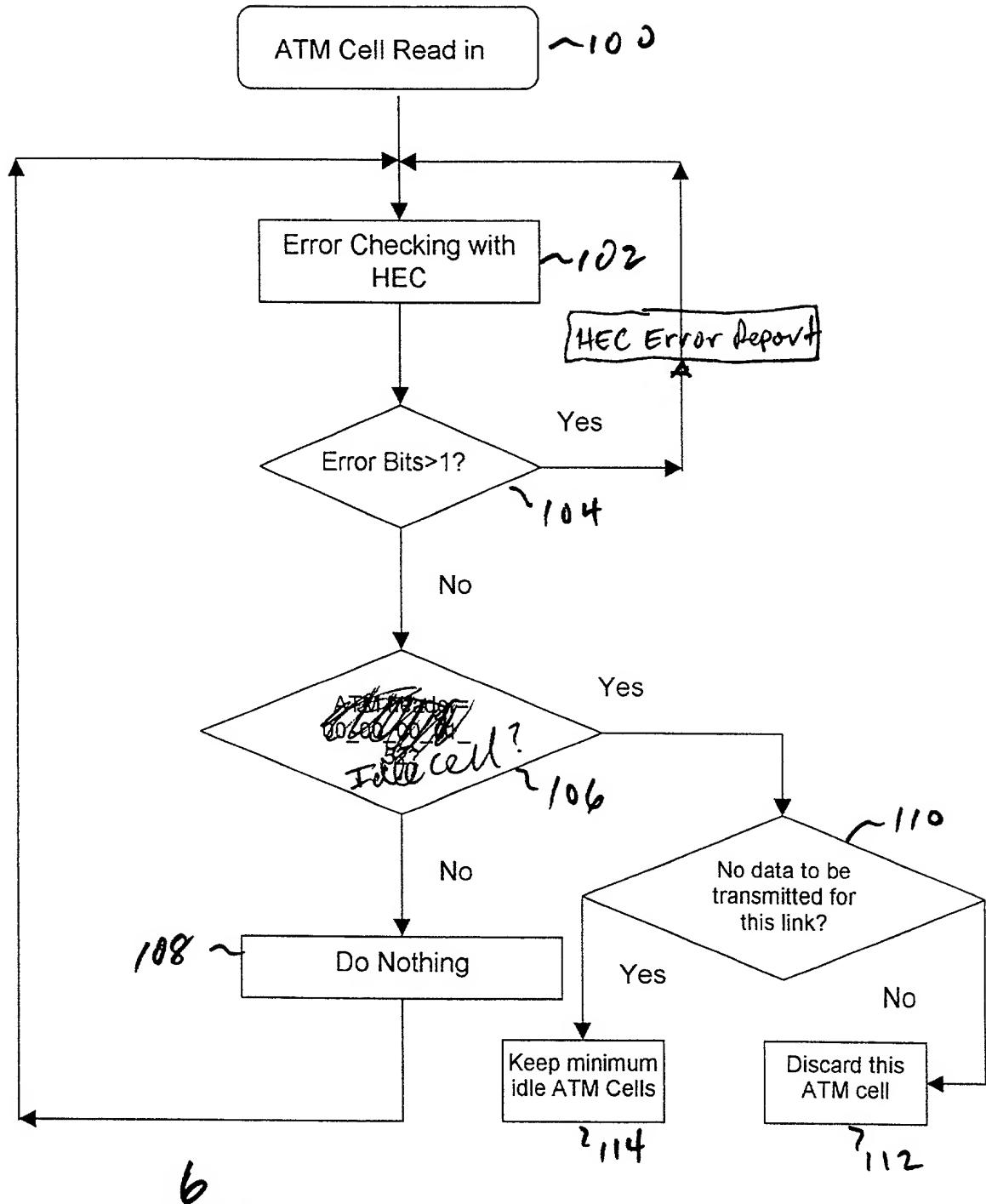
FIGURE 3 ~~Far-End Crosstalk and Near-End Crosstalk Coupling in Typical Subscriber Loops~~



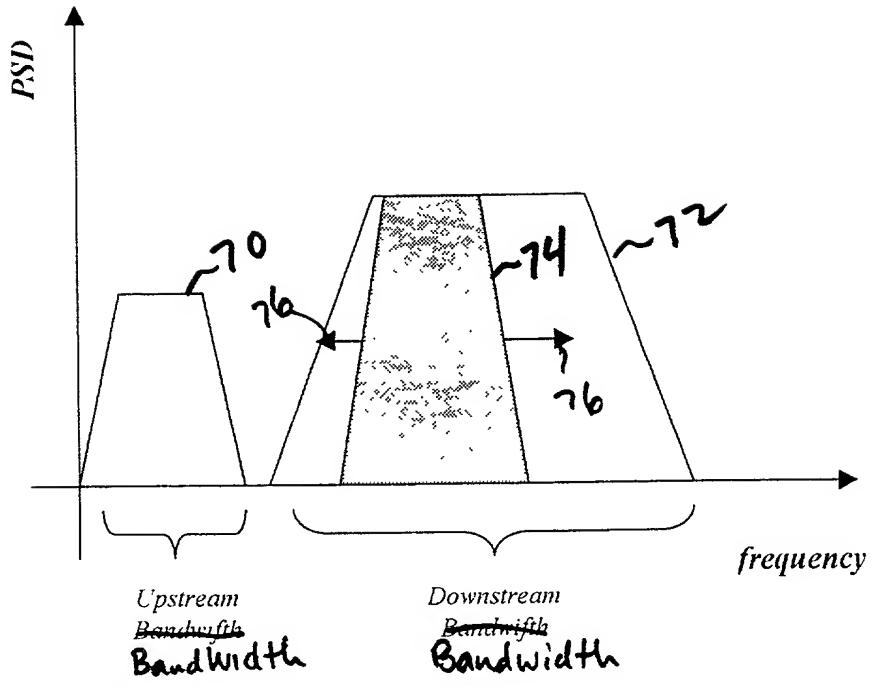
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FIGURE 4 ATM IDLE CELLS REMOVAL STATE MACHINE



15
FIGURE 4



6
FIGURE 5. ATM IDLE CELL REMOVAL PROCEDURE.



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FIGURE 1. MINIMIZATION OF NEXT NOISE FOR THE CPE RECEIVER

BY SLIDING WINDOW METHOD. THE SHADED REGION IS THE NEEDED BANDWIDTH TO SUPPORT THE DOWNSTREAM BIT RATE.

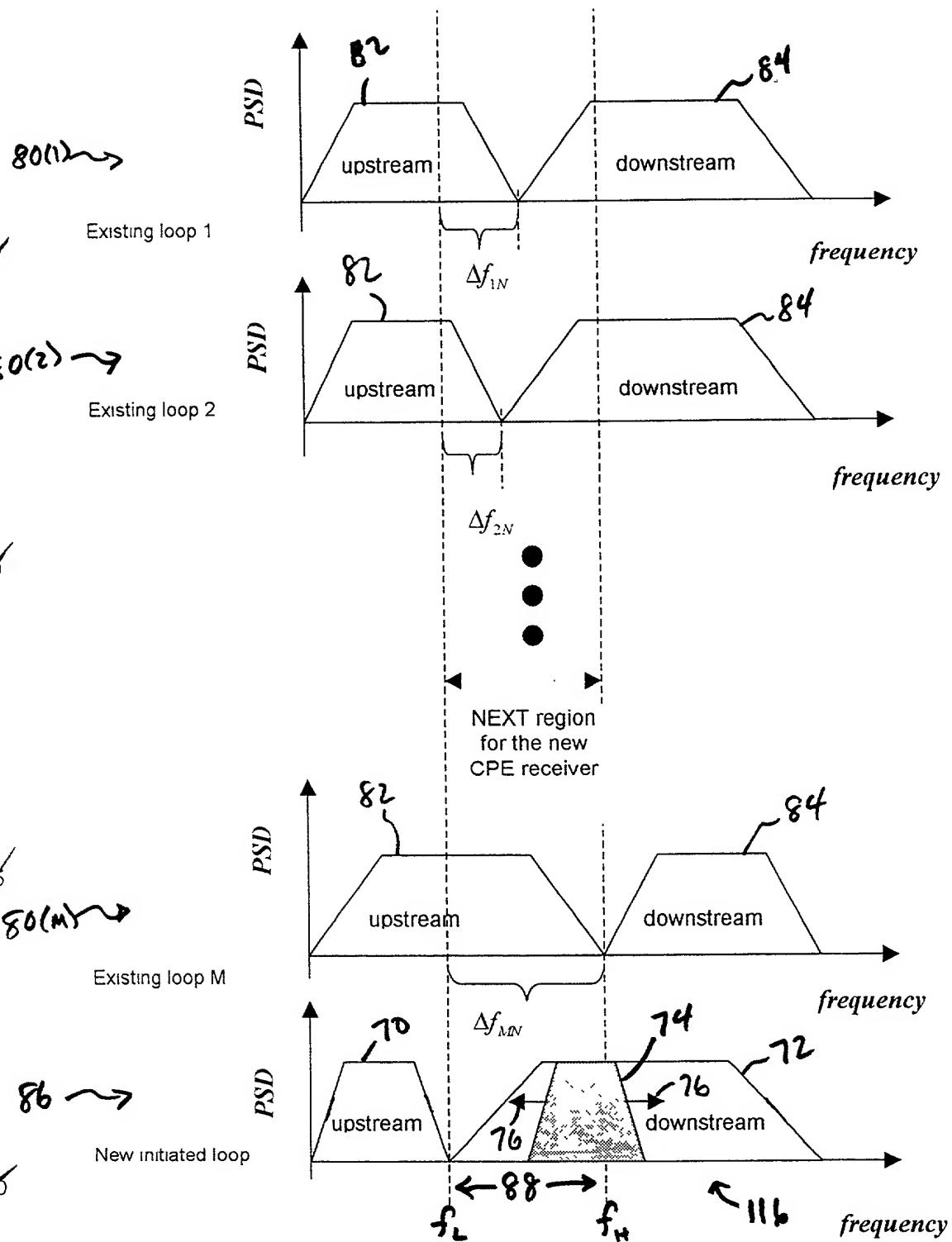
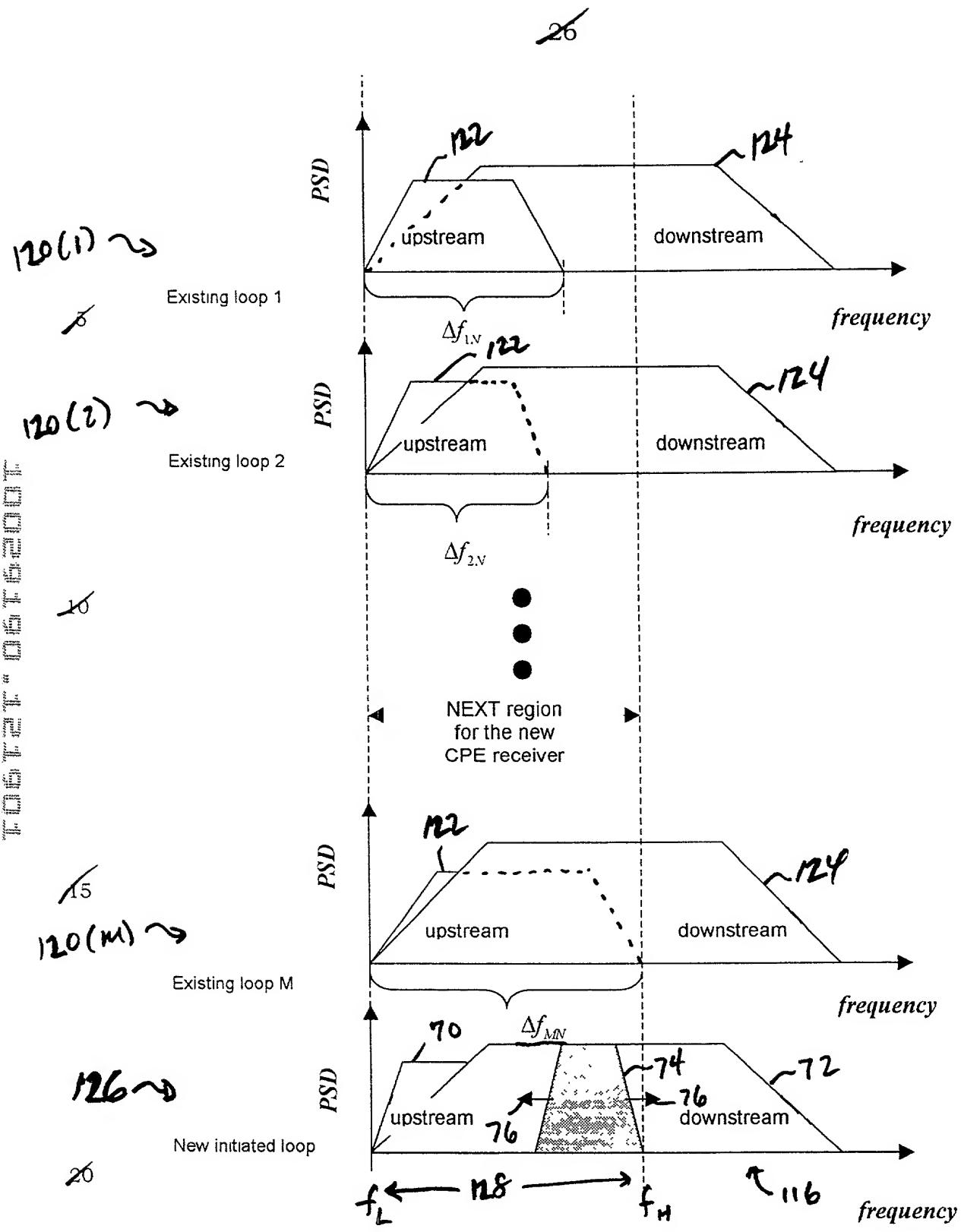


FIGURE 7. ~~NON OVERLAPPED SYSTEM.~~



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FIGURE 8. OVERLAPPED SYSTEM.

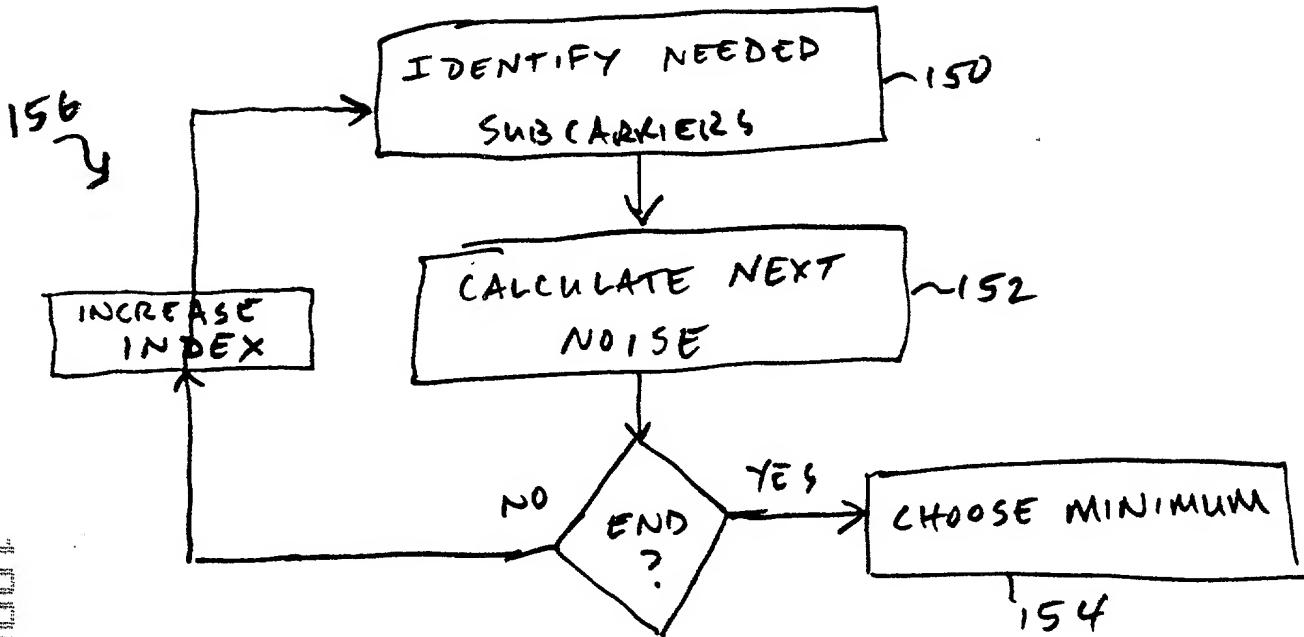


FIG. 10